

Appln No. 09/719,128
Amdt date June 19, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-29. (Cancelled)

30. (New) A method for displaying television program information comprising:

storing in memory television program data including a header portion and a data portion;

receiving a user request for television programs having a particular search criteria;

searching the header portion of the television program data for the search criteria; -

excluding the television program data from a search of the data portion of the television program data if no match of the search criteria is made in the header portion;

searching the data portion of the television program data for the search criteria if a match of the search criteria is made in the header portion; and

transmitting results of the search of the data portion of the television program.

31. (New) The method of claim 30, wherein the data portion includes program information of television programs to be broadcast by a particular channel.

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32. (New) The method of claim 30, wherein the header portion indicates one or more program categories of one or more television programs.

33. (New) The method of claim 32, wherein the one or more program categories are represented by one or more indexing bits.

34. (New) The method of claim 30, wherein the header portion indicates one or more first letters of one or more television programs.

35. (New) The method of claim 34, wherein the one or more first letters are represented by one or more indexing bits.

36. (New) The method of claim 30, wherein the search criteria is a program category.

37. (New) The method of claim 30, wherein the search criteria is a first letter of a program title.

38. (New) The method of claim 30, wherein the storing of the television program data comprises:

determining whether the television program data is associated with a predetermined storage criteria; and

storing the television program data in a schedule database only if the television program data is associated with a predetermined storage criteria.

39. (New) The method of claim 38, wherein the predetermined storage criteria is a program category.

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40. (New) The method of claim 38, wherein the predetermined storage criteria is a channel that has been enabled.

41. (New) An apparatus for displaying television program information comprising:

a memory storing television program data including a header portion and a data portion;

means for receiving a user request to display a program guide with television programs having a particular search criteria;

means for searching the header portion of the television program data for the search criteria;

means for excluding the television program data from a search of the data portion of the television program data if no match of the search criteria is made in the header portion;

means for searching the data portion of the television program data for the search criteria if a match of the search criteria is made in the header portion; and

means for transmitting results of the search of the data portion of the television program.

42. (New) The apparatus of claim 41, wherein the data portion includes program information of television programs to be broadcast by a particular channel.

43. (New) The apparatus of claim 41, wherein the header portion indicates one or more program categories of one or more television programs.

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44. (New) The apparatus of claim 43, wherein the one or more program categories are represented by one or more indexing bits.

45. (New) The apparatus of claim 41, wherein the header portion indicates one or more first letters of one or more television programs.

46. (New) The apparatus of claim 45, wherein the one or more first letters are represented by one or more indexing bits.

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and
47. (New) The apparatus of claim 41, wherein the search criteria is a program category.

48. (New) The apparatus of claim 41, wherein the search criteria is a first letter of a program title.

49. (New) The apparatus of claim 41 further comprising means for determining whether to store the television program data in the memory based on a predetermined storage criteria.

50. (New) The apparatus of claim 49, wherein the predetermined storage criteria is a program category.

51. (New) The apparatus of claim 49, wherein the predetermined storage criteria is a channel that has been enabled.

52. (New) An apparatus for displaying television program information comprising:

a memory storing television program data including a header portion and a data portion;

a user input receiving a user-provided search criteria; and
a processor coupled to the memory and the user input, the processor including program instructions for filtering the television program data based on information stored in the header portion, the filter excluding the television program data for a further search if no match is made between the information in the header portion and the user-provided search criteria.

53. (New) The apparatus of claim 52, wherein the data portion includes program information of television programs to be broadcast by a particular channel.

54. (New) The apparatus of claim 52, wherein the header portion indicates one or more program categories of one or more television programs.

55. (New) The apparatus of claim 54, wherein the one or more program categories are represented by one or more indexing bits.

56. (New) The apparatus of claim 52, wherein the header portion indicates one or more first letters of one or more television programs.

57. (New) The apparatus of claim 56, wherein the one or more first letters are represented by one or more indexing bits.

58. (New) The apparatus of claim 52, wherein the search criteria is a program category.

59. (New) The apparatus of claim 52, wherein the search criteria is a first letter of a program title.

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60. (New) The apparatus of claim 52 further comprising means for determining whether to store the television program data in the memory based on a predetermined storage criteria.

61. (New) The apparatus of claim 60, wherein the predetermined storage criteria is a program category.

62. The apparatus of claim 60, wherein the predetermined storage criteria is a channel that has been enabled.
